Figure 1

METHOD FOR SEPARATION OF SUPERCOILED PLASMID DNA FROM RELAXED PLASMID DNA

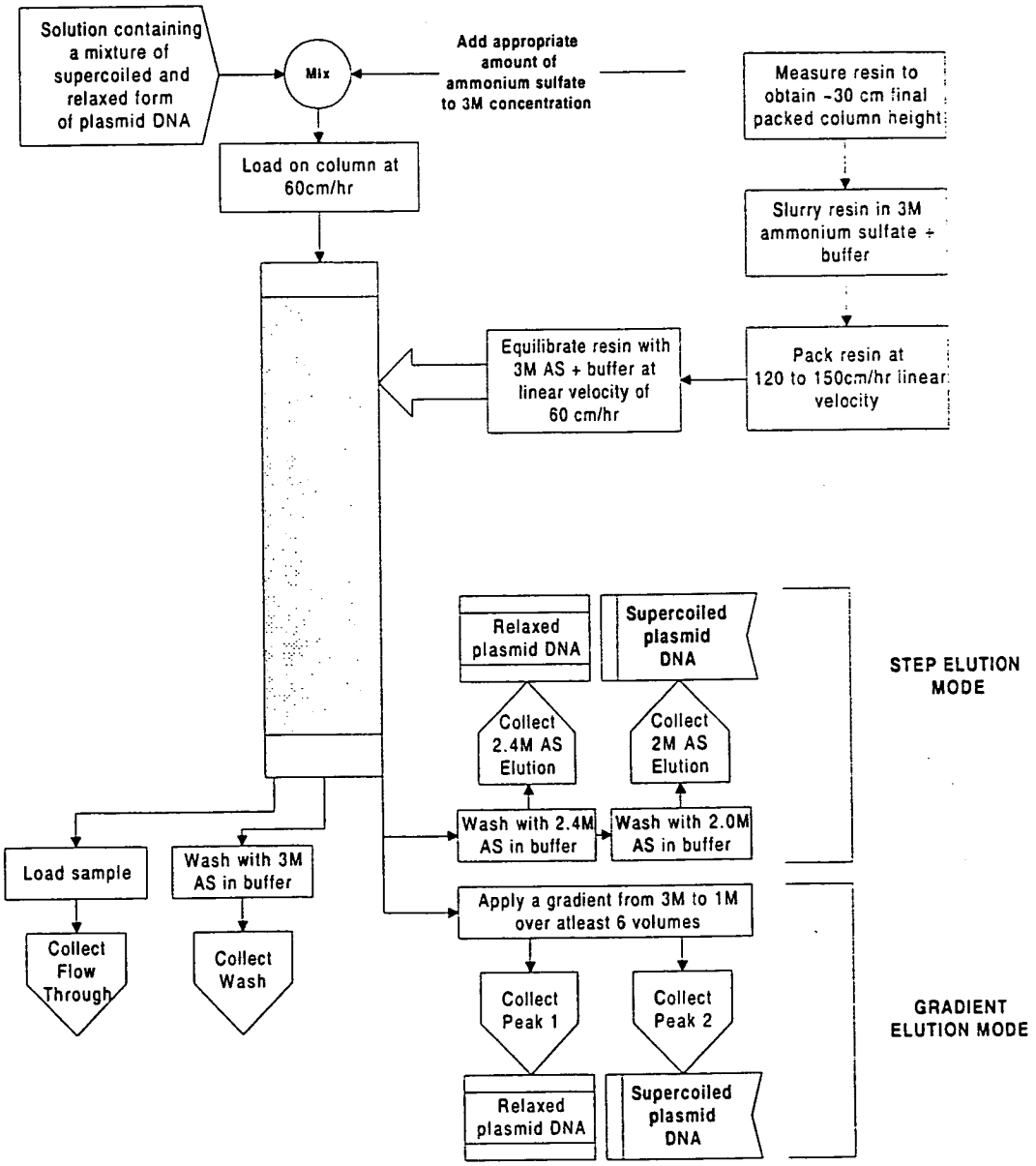
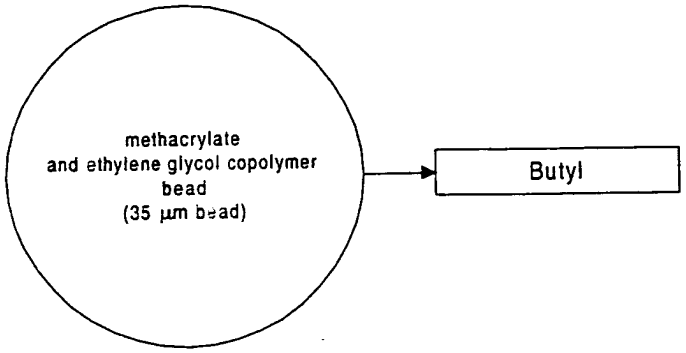
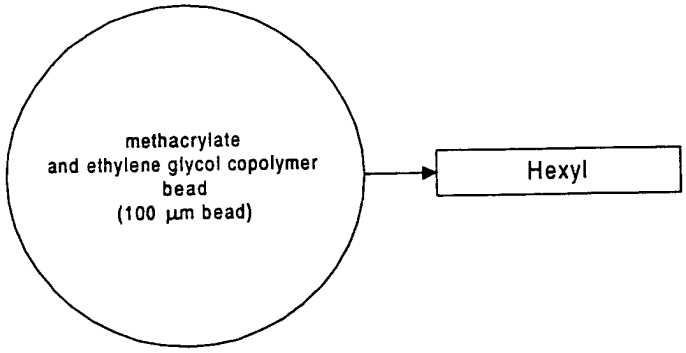


Figure 2:

Butyl HIC resin bead



Hexyl HIC resin bead



Octyl HIC resin bead

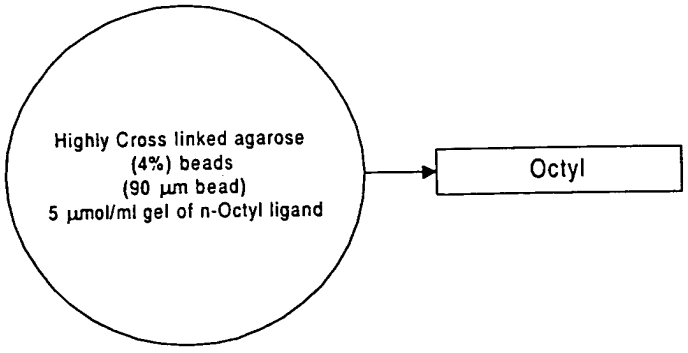
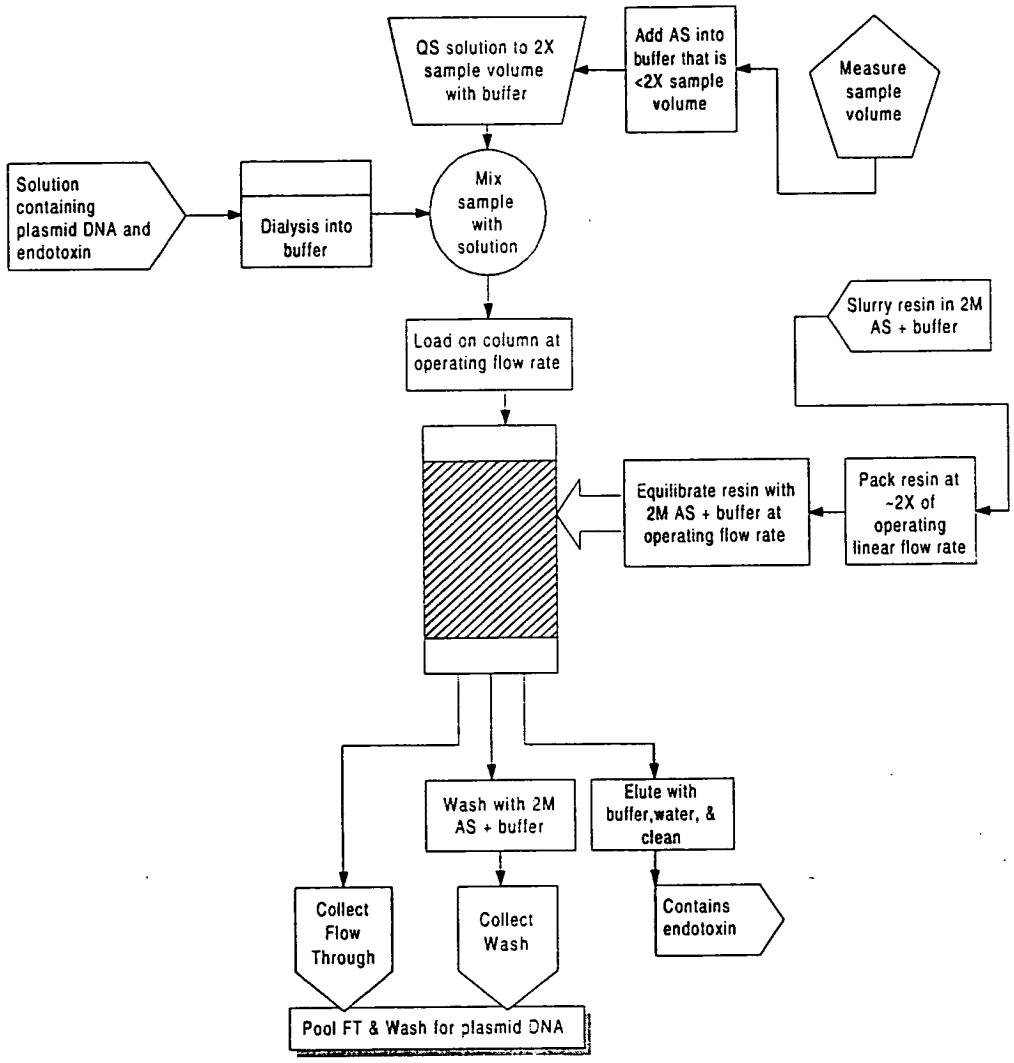


Figure 3

Method for endotoxin removal from plasmid DNA solutions



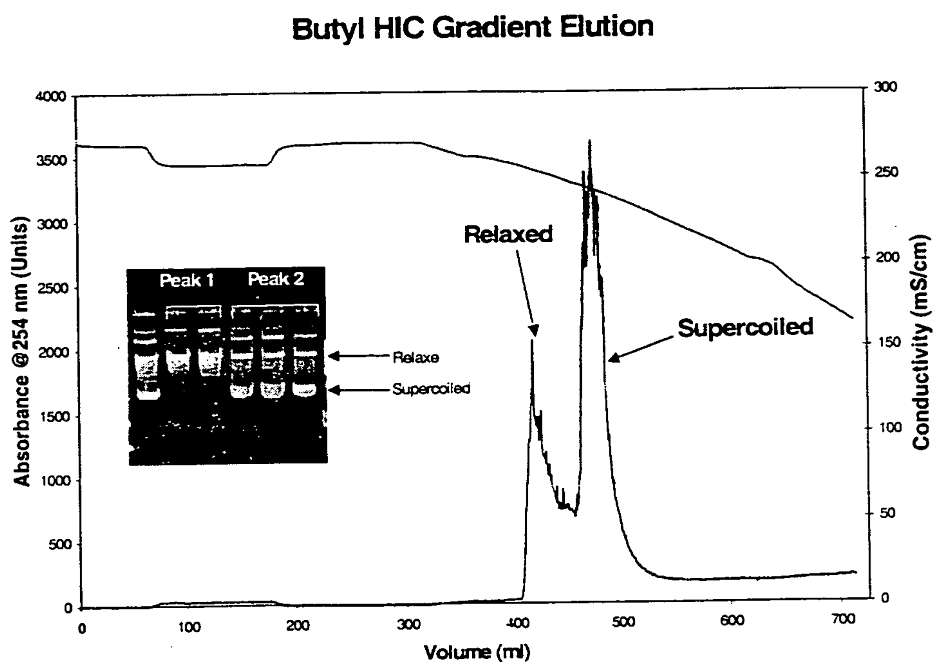


Figure 4 : Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Butyl Hydrophobic Interaction Chromatography – Gradient Elution (Example 5). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

Figure 5: Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Butyl Hydrophobic Interaction Chromatography – Gradient Elution – Long column (Example 6). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

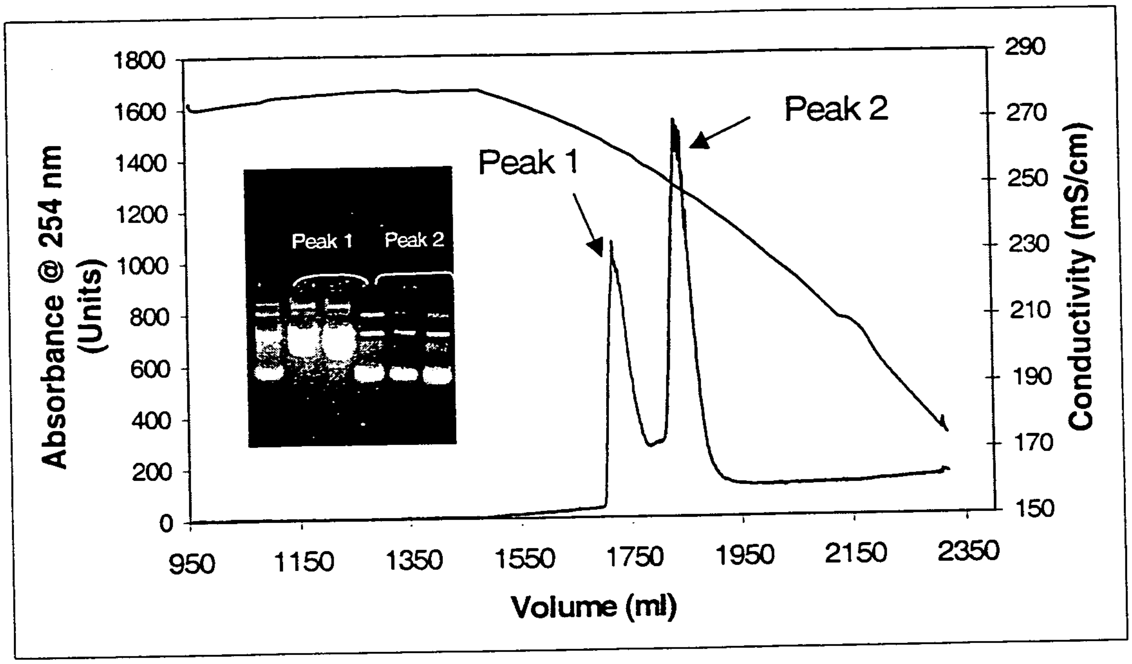


Figure 6: Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Butyl Hydrophobic Interaction Chromatography – Step Elution (Example 7). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

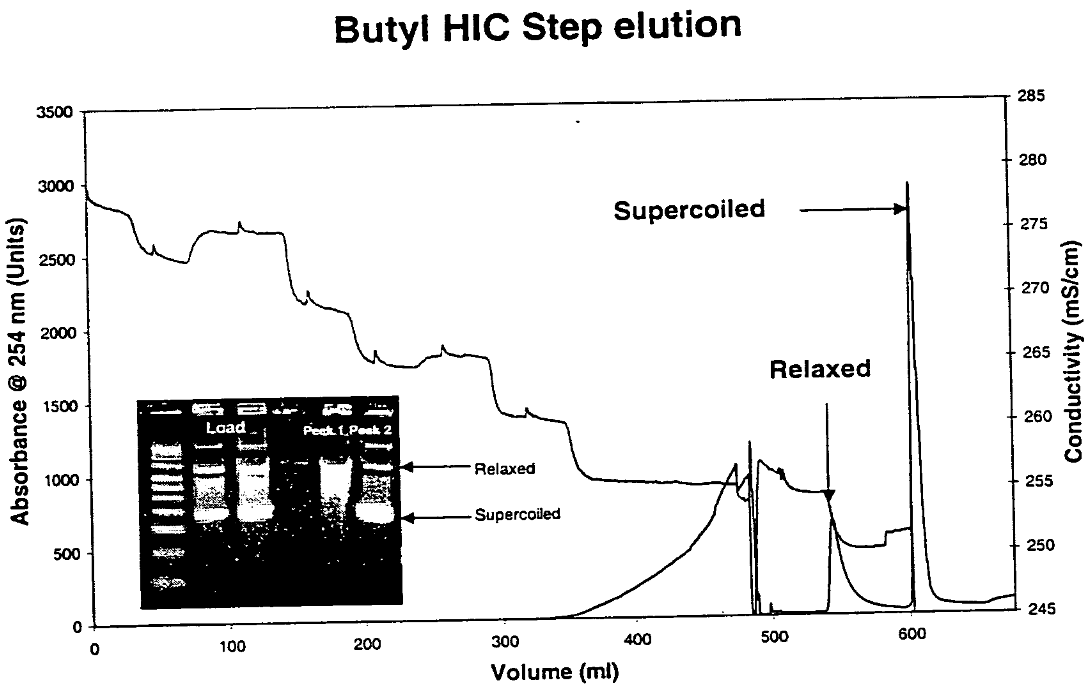


Figure 7: Chromatogram for the separation of relaxed and supercoiled plasmid DNA using Hexyl Hydrophobic Interaction Chromatography – Gradient Elution Long column (Example 8). Inset: Scanned Photograph of Agarose Gel Electrophoresis of samples stained with SYBR Gold

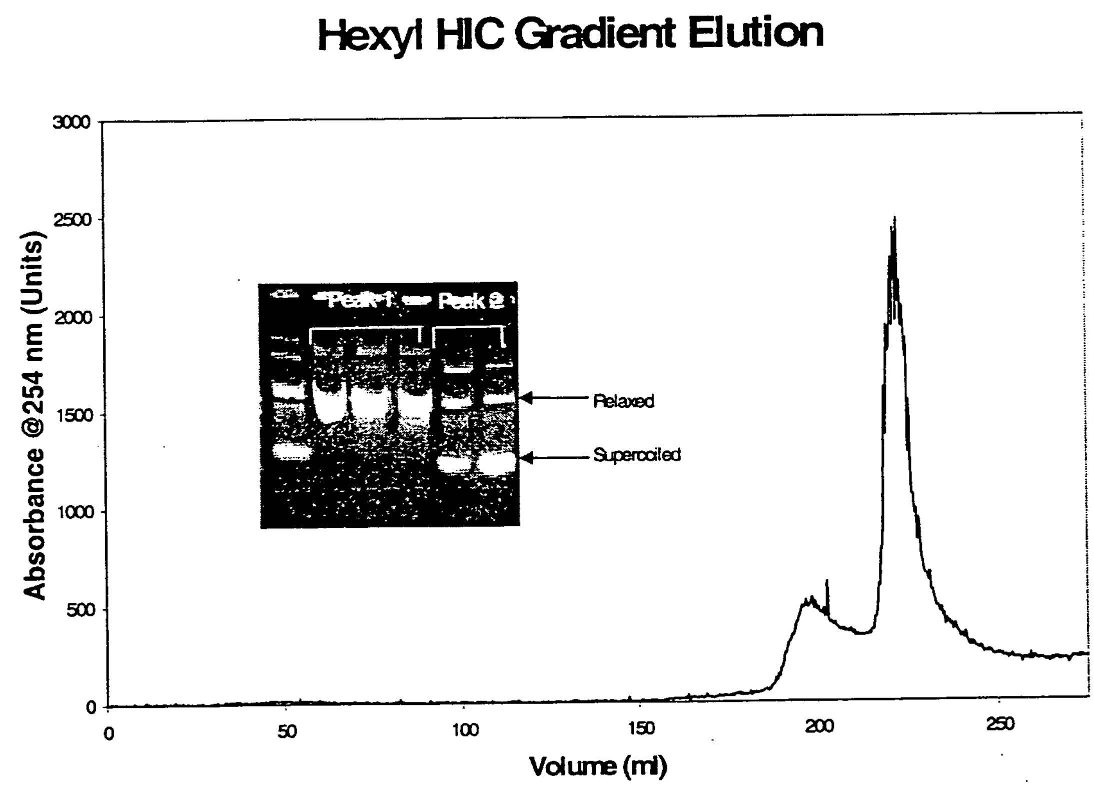


Figure 8: Agarose Gel Electrophoresis of samples SYBR GOLD stained, wherein, from left to right, Lane 1contains a Marker; Lane 2: Load; Lane 3: Wash 1; Lane 4: Wash 2; Lane 5: Wash 3: Lane 6 : 1M Elution 2; and Lane 7: Water elution